

CLAIMS

1. A preventive or remedy for urinary disturbance comprising a compound having acetylcholine esterase inhibitory activity and being substantially free from butyrylcholine esterase inhibitory activity, which does not inhibit the collection function of urine.

2. A preventive or remedy for dry mouth induced by the administration of a remedy for urinary disturbance, comprising a compound having acetylcholine esterase inhibitory activity and being substantially free from butyrylcholine esterase inhibitory activity.

3. A preventive or remedy for overactive bladder not accompanied by dry mouth comprising a combination of a compound having acetylcholine esterase inhibitory activity and being substantially free from butyrylcholine esterase inhibitory activity, and an anticholinergic agent.

4. The preventive or remedy according to claim 1, 2 or 3, wherein the ratio of a butyrylcholine esterase 50% inhibitory concentration to an acetylcholine esterase 50% inhibitory concentration of the compound is 20 or more.

5. The preventive or remedy according to claim 1, 2 or 3, wherein the ratio of a butyrylcholine esterase 50% inhibitory concentration to an acetylcholine esterase 50% inhibitory concentration of the compound is 100 or more.

6. The preventive or remedy according to claim 1,

wherein urinary disturbance is dysuria.

7. The preventive or remedy according to claim 2, wherein the remedy for urinary disturbance is an anticholinergic agent.

5 8. A method for screening a preventive or remedy substance for urinary disturbance not inhibiting the collection function of urine, which comprises measuring and comparing the acetylcholine esterase inhibitory activity and the butyrylcholine esterase inhibitory activity of a
10 test compound.

9. A method for preventing or treating urinary disturbance without inhibiting the collection function of urine, which comprises administering an effective amount of a compound having acetylcholine esterase inhibitory
15 activity and being substantially free from butyrylcholine esterase inhibitory activity to a mammal.

10. A method for preventing or treating dry mouth induced by the administration of a remedy for urinary disturbance, which comprises administering an effective
20 amount of a compound having acetylcholine esterase inhibitory activity and being substantially free from butyrylcholine esterase inhibitory activity to a mammal.

11. A method for preventing or treating overactive bladder without being accompanied by dry mouth, which
25 comprises administering a combination of effective amounts

of a compound having acetylcholine esterase inhibitory activity and being substantially free from butyrylcholine esterase inhibitory activity, and an anticholinergic agent to a mammal.

5 12. Use of a compound having acetylcholine esterase inhibitory activity and being substantially free from butyrylcholine esterase inhibitory activity for manufacturing a preventive or remedy for urinary disturbance which does not inhibit the collection function
10 of urine.

 13. Use of a compound having acetylcholine esterase inhibitory activity and being substantially free from butyrylcholine esterase inhibitory activity for manufacturing a preventive or remedy for dry mouth induced
15 by the administration of a remedy for urinary disturbance.

 14. Use of a compound having acetylcholine esterase inhibitory activity and being substantially free from butyrylcholine esterase inhibitory activity and an anticholinergic agent for manufacturing a preventive or
20 remedy for overactive bladder not accompanied by dry mouth.

 15. A preventive or remedy for overactive bladder not accompanied by dry mouth comprising a compound having acetylcholine esterase inhibitory activity and being substantially free from butyrylcholine esterase inhibitory
25 activity.

16. A method for preventing or treating overactive bladder without being accompanied by dry mouth, which comprises administering an effective amount of a compound having acetylcholine esterase inhibitory activity and being
5 substantially free from butyrylcholine esterase inhibitory activity to a mammal.

17. Use of a compound having acetylcholine esterase inhibitory activity and being substantially free from butyrylcholine esterase inhibitory activity for
10 manufacturing a preventive or remedy for overactive bladder not accompanied by dry mouth.